

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

9. (Currently Amended) A flexible printed circuit comprising:
a film substrate;
a plurality of conductive traces adjacent to a surface of said film substrate; and
an insulating coating deposited only on said plurality of conductive traces ~~using electrodeposition techniques~~, said insulating coating comprising a cured polymer composition having a concentration of extractable ionic contaminants less than about 200 nanograms/cm²; and a concentration of labile components less than about 36,000 nanograms/cm², said flexible printed circuit having a bend radius below 3.0mm without damage to said insulating coating.

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10. (Currently Amended) The flexible circuit of claim 9, ~~wherein said cured polymer composition allows formation of a through-soldered~~ further comprising an electrical connection to at least one of said plurality of conductive traces through a layer of said cured polymer composition.

11. (Original) A flexible circuit according to claim 9, wherein said cured polymer comprises a polyepoxy-based polymer.

12. (Original) The flexible circuit of claim 11, wherein said polyepoxy-based polymer is a reaction product of a bis-phenol A containing moiety and a substituted fluorene monomer selected from the group consisting of fluorene bis-phenol, bis-cresol fluorene, bis-N-methylaminophenyl fluorene and bis-glycidoxy phenyl fluorene or combinations thereof.

13. (Currently Amended) The flexible circuit of claim 9, wherein said flexible circuit is ~~a flat circuit~~, substantially free from curl.

14. (Original) The flexible circuit of claim 9, wherein said cured polymer forms by heating.

15. (Original) The flexible circuit of claim 14, wherein said cured polymer forms by heating said insulating coating in a temperature range from about 100°C to about 350°C.

16. (Original) The flexible circuit of claim 9, wherein said cured polymer forms under the influence of radiant energy.

17. (Original) The flexible circuit of claim 16, wherein said radiant energy is ultraviolet radiation.